



IEEE Bangalore Section – October Report

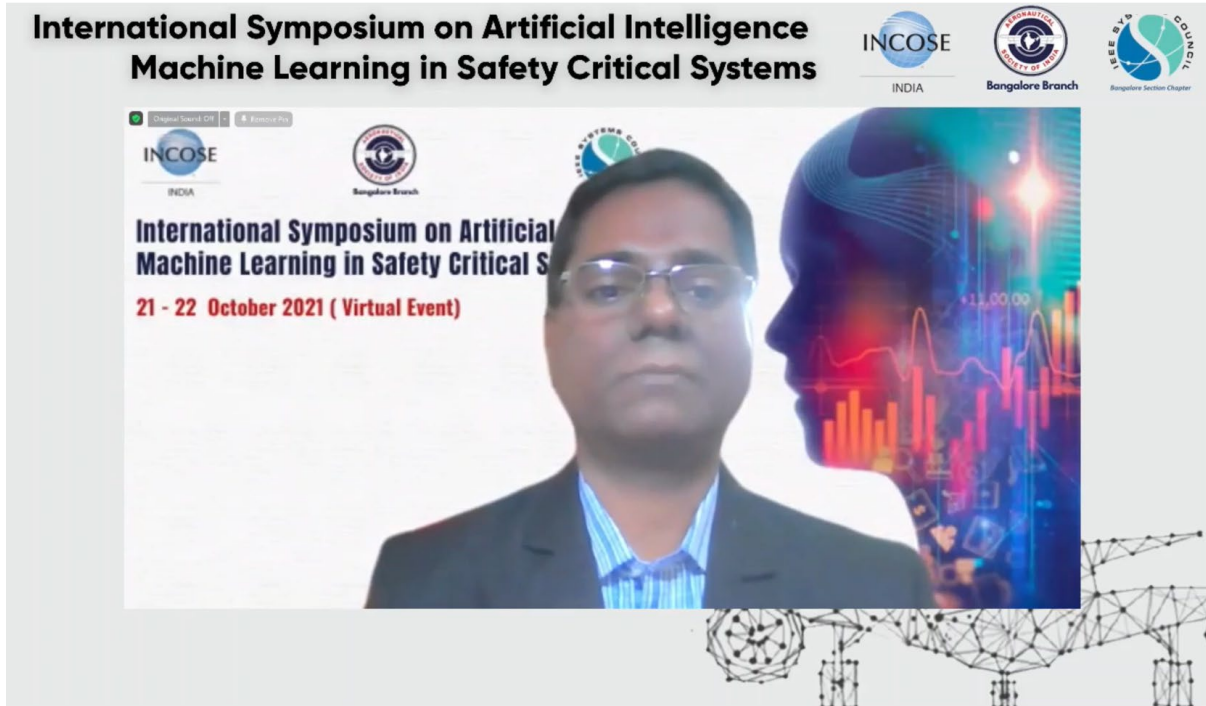
International Symposium on Artificial Intelligence – Machine Learning in Safety Critical Systems

IEEE Bangalore Section Systems Council Chapter organized “International Symposium on Artificial Intelligence - Machine Learning in Safety Critical Systems” virtually on 21-22 October 2021. The event was organized in collaboration with INCOSE India Chapter and Aeronautical Society of India Bangalore Branch. Over 600 delegates attended the virtual symposium.

There is an increasing demand for safety critical engineered systems to inculcate human like- intelligence and autonomy through adoption of AI models, including data-driven decision-making capabilities based on machine-learning. This symposium brought together experts to share their research findings and experiences on various challenges pertaining to adoption of AI-ML in safety critical systems, including implications on regulations and certification

IEEE Systems Council President Dr. Vincenzo Piuri was a Patron for the event, and delivered the inaugural key note address in the symposium, on “Ambient Intelligence for Safety Critical Systems”

The first day of the symposium featured on Modeling and Design aspects on AI-ML for safety critical systems. The second day focused on systems engineering lifecycle aspects including certification & regulations.



IEEE Systems Council Bangalore Chapter Chair Dr. Ramakrishnan Raman delivering the Welcome Address

**International Symposium on Artificial Intelligence
Machine Learning in Safety Critical Systems**



IEEE Systems Council President Dr. Vincenzo Piuri, delivering the inaugural keynote address on “Ambient Intelligence for Safety Critical Systems”

International Symposium on Artificial Intelligence Machine Learning in Safety Critical Systems



AI-ML Learning in Safety Critical Systems (SCS), Oct 2021

The Spectrum of AI & ML Awesomeness

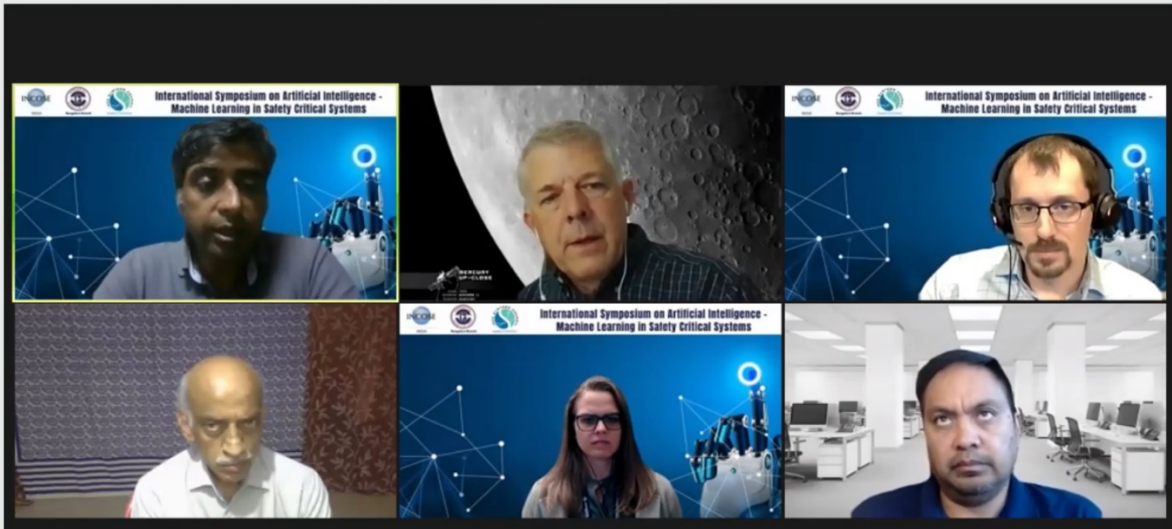
Kerry Lunney CPEng EngExe ESEP
INCOSE, President
Thales Australia, Country Engineering Director / Chief Engineer

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INCOSE President Ms Kerry Lunney, delivering Keynote Address on “The Spectrum of AI & ML Awesomeness”

International Symposium on Artificial Intelligence Machine Learning in Safety Critical Systems



Day1-Panel Discussion

International Symposium on Artificial Intelligence Machine Learning in Safety Critical Systems



Artificial Intelligence and Machine Learning In Safety Critical Systems

George Romanski,
Chief Scientific and Technical Advisor,
Aircraft Computer Software
FAA

Date: October, 2021

Day-2 Keynote address by Mr. George Romanski, FAA

International Symposium on Artificial Intelligence Machine Learning in Safety Critical Systems



Data Requirements and the Green School Bus Problem

Artificial Intelligence (AI) Workshop
Information Systems and Computing Technology Network (ISaCTN)



Oct 8, 2021

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Day-2 Track Keynote Address by Dr. Barclay Brown, Raytheon Technologies

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President, IEEE Systems Council

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